

Work Order ID 61607

Monday, August 30, 2010 1:25:33 PM



Page 1

Item ID: D412-702-343

Accept



Setup Start



Revision ID:

Stop



Item Name: 5-Man Fwd Facing Shoulder Harness, 3 point

Start Date: 8/30/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 9/6/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: *RL*Date: *10-8-30*

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| Draw Nbr | Revision Nbr | | | | | | | | |
| DSI9511 | A | | | | | | | | |

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP D412-702-343 CHG001

*Solo 9/29**HG BG 10-9-28*

105

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

P 8/3/28 U

110

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

*Solo 9/29**(4)*

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
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NOTE: Date & initial all entries

Work Order ID 61607

Monday, August 30, 2010 1:25:33 PM

Page 2

Item ID: D412-702-343

Accept

Setup Start

Revision ID:

Stop

Item Name: 5-Man Fwd Facing Shoulder Harness, 3 point

Start Date: 8/30/2010 Start Qty: 1.00

Cust Item ID:

Required Date: 9/6/2010 Req'd Qty: 1.00

Customer:



Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--|--|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 120 | | 0.00 | | | | | | | |
|  | Packaging | | | | | | | | |
| Packaging | Memo | 0.00 | | | | | | | |
| Packaging | Identify and pack for shipping as per PPP D412-702-343 | | | | | | | | |
| | Location: _____ | | | | | | | | |
| | PPP Rev: <u>A</u> | | | | | | | | |
| 130 | QC21- Final Inspection - Work Order Release | 0.00 | | | | | | | |
|  | | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |

CW 10/8/25 G

10/09/30 JF
mf
10-9-29

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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| | | | | | | | | |

NOTE: Date & initial all entries

Picklist Print

Monday, August 30, 2010 1:25:36 PM

Page 1

Work Order ID: 61607

Parent Item: D412-702-343

Parent Item Name: 5-Man Fwd Facing Shoulder Harness, 3 point

Start Date: 8/30/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A new issue DD 10.04.30 verified:EC

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|----------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|-----------------|-------------|--------------|---------------|----------------|--------|
| D412-702-301 Harness Assembly | | Manufactured | No | | | 105 | Each | 0.0000 | 1 | 1 | | | |
| D412-702-303 Harness Assembly | | Manufactured | No | | | 105 | Each | 0.0000 | 1 | 1 | | | |
| D412-702-305 Harness Assembly | | Manufactured | No | | | 105 | Each | 0.0000 | 1 | 1 | | | |
| D412-702-307 Harness Assembly | | Manufactured | No | | | 105 | Each | 1.0000 | 1 | 1 | | | |
| | | | | <u>Location</u> | | <u>Loc Qty</u> | | <u>Loc Code</u> | | | | | |
| | | | | ST269 | | 1 | | | | | | | |
| | | | | 61488 | | 1 | | | | | | | |
| D412-702-309 Harness Assembly | | Manufactured | No | | | 105 | Each | 0.0000 | 1 | 1 | | | |
| D412-702-059 Grommet | | Manufactured | No | | | 105 | Each | 5.0000 | 1 | 1 | | | |
| | | | | <u>Location</u> | | <u>Loc Qty</u> | | <u>Loc Code</u> | | | | | |
| | | | | FG122 | | 5 | | | | | | | |
| | | | | 55670 | | 5 | | | | | | | |
| D3761-1-041 HOOK & LOOP STRIP | | Manufactured | No | | | 105 | Each | 0.0000 | 5 | 5 | | | |

CH 61607

55670

61491

PO 10/9/28 (1)

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Picklist Print

Page 2

Monday, August 30, 2010 1:25:36 PM

Work Order ID: 61607



Parent Item: D412-702-343



Parent Item Name: 5-Man Fwd Facing Shoulder Harness, 3 point

Start Date: 8/30/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00

D3542-1

Manufactured No

105 Each

16.0000

2 2



Bracket



[Handwritten signature]

Location

Loc Qty

Loc Code

ST245

16

32606

2

51309

2

59051

12

D3571-1

Manufactured No

105 Each

18.0000

3 3



Guide



59251

[Handwritten signature]

Location

Loc Qty

Loc Code

ST245A

18

58450

11

59726

7

D3571-3

Manufactured No

105 Each

9.0000

2 2



Guide



58450

[Handwritten signature]

Location

Loc Qty

Loc Code

ST245A

9

57363

9

D3578-041

Manufactured No

105 Each

42.0000

6 6



Doubler



57363

61846 10/5/28 ①

Location

Loc Qty

Loc Code

ST244A

42

52071

42

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Shop Packet Print

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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Picklist Print

Monday, August 30, 2010 1:25:36 PM

Page 3

Work Order ID: 61607

Parent Item: D412-702-343

Parent Item Name: 5-Man Fwd Facing Shoulder Harness, 3 point

Start Date: 8/30/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00

D3610-041

Manufactured No

105 Each

6.0000

2

Bracket

Location

Loc Qty

Loc Code

ST244A

6

47144

6

D3618-1

Manufactured No

105 Each

75.0000

2

CAP

Location

Loc Qty

Loc Code

ST244A

75

55669

75

AN4-10A

Purchased No

105 Each

104.0000

4

Bolt

Location

Loc Qty

Loc Code

ST356

104

113422

4

114523

100

AN4-44A

Purchased No

105 Each

85.0000

2

Bolt

Location

Loc Qty

Loc Code

ST360

85

104806

85

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Page 3

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Picklist Print

Page 4

Monday, August 30, 2010 1:25:37 PM

Work Order ID: 61607

Parent Item: D412-702-343

Parent Item Name: 5-Man Fwd Facing Shoulder Harness, 3 point

Start Date: 8/30/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00

MS24693-S274

Purchased

No

105

Each

61.0000

2

2

Screw

Location

Loc Qty

Loc Code

ST288

61

108560

11

114718

50

M108560

MS24694-S56

Purchased

No

105

Each

116.0000

3

3

SCREW

Location

Loc Qty

Loc Code

ST289A

116

104407

116

M104407

MS24694-S58

Purchased

No

105

Each

126.0000

2

2

Screw

Location

Loc Qty

Loc Code

ST289A

126

104407

126

M104407

MS24694-S60

Purchased

No

105

Each

118.0000

1

1

Screw

Location

Loc Qty

Loc Code

ST289A

118

104407

118

M104407

AN0601D416

NAS1149D0463J

Purchased

No

105

Each

0.0000

6

6

Washer

M110622

10/7/28 ①

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Shop Packet Print

Page 4

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
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NOTE: Date & initial all entries

Picklist Print

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Monday, August 30, 2010 1:25:37 PM

Work Order ID: 61607

Parent Item: D412-702-343

Parent Item Name: 5-Man Fwd Facing Shoulder Harness, 3 point

Start Date: 8/30/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00

AN960JD416L NAS1149D0416J Purchased No
Washer

105 Each 309.0000 4

Location

Loc Qty

Loc Code

ST346

309

106785

60

110153

249

Purchased No

105 Each

2,523.000 6

Location

Loc Qty

Loc Code

ST300

2523

113422

68

114523

28

114718

16

114784

491

115108

1920

Purchased No

105 Each

116.0000 12

Location

Loc Qty

Loc Code

ST311

116

111359

16

114716

100

Purchased

No

105

Each

116.0000

12

CR3212-4-4

Cherry Rivet

Monday, August 30, 2010 1:25:37 PM

Shop Packet Print

Page 5

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-702 REV. E AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-702 REV. 3

REF TCCA STC SH04-7
REF FAA STC SR01997NY
REF EASA STC EASA.I.M.R.S.00710

REFERENCE ONLY

This service instruction adds several kits equipped with improved inertia reels:

The Dart **D412-702-341** 13-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for all 13 passenger seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-041B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-343** 5-Man Forward Facing Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for the 5 forward facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-043B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-345** 4-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for the 4 aft facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-045B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-347** 4-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for the 4 side facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-047B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-349** 1-Man Shoulder Harness Kit provides a 3-point harness with an inertia reel and joined lap and shoulder belts for the center forward facing seating position in the aircraft cabin. The kit also contains hardpoints for securing the harness. The harness for this kit meets the requirements of TSO-C114 and replaces the existing lap belts. This kit should be installed similar to the D412-702-049B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-351** 1-man 3-point shoulder harness kits are available for the outboard seats of the 5-man forward facing bench in Bell 205/212/214/412 model aircraft. The kit can be installed LH or RH. These kits should be installed similar to the D412-702-051B/-052B kits, as detailed in Table 1 of this service instruction.

The Dart **D214-702-337** 5-Man Aft Facing Shoulder Harness Kit provides 3-point harnesses with inertial reels and joined lap and shoulder belts for the 5-man aft facing seat installed in the Bell 214B/B1 model aircraft. This kit should be installed similar to the D214-702-037B kit, as detailed in Table 1 of this service instruction.

The Dart **D205-702-353** 4-Man Aft Facing Shoulder Harness Kit provides 3-point harnesses with inertial reels and joined lap and shoulder harnesses for the 4-man aft facing seat installed in the UH-1 model aircraft. This kit should be installed similar to the D205-702-053B kit, as detailed in Table 1 of this service instruction.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 10.03.22
CERT. NO.: SH04-7
ISSUE NO.: 3

| | | | |
|------------|-------------|--|--------------|
| A | NEW ISSUE | CP | 10.03.18 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | 92 | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | 92 | | |
| CHECKED | 1 | DRAWING NO. | REV. A |
| MFG. APPR. | N/A | DSI 9511 | SHEET 1 OF 6 |
| APPROVED | 10 | TITLE | SCALE |
| DE APPR. | 11 | NEW SHOULDER HARNESS KITS | NTS |
| DATE | 10.03.18 | COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD. | |

REFERENCE ONLY

INSTALLATION

The Dart D412-702-3XX kits should be installed similar to the kits in Installation Instructions IIN-D412-702 Rev. E or Dart Service Instruction (DSI) listed below:

TABLE 1

| Part Number | Description | Install similar to: |
|--------------|----------------------|--|
| D412-702-341 | Shoulder Harness Kit | D412-702-041B (IIN-D412-702, DSI 9408) |
| D412-702-343 | Shoulder Harness Kit | D412-702-043B (IIN-D412-702, DSI 9453 [214], DSI 9408) |
| D412-702-345 | Shoulder Harness Kit | D412-702-045B (IIN-D412-702, DSI 9469) |
| D412-702-347 | Shoulder Harness Kit | D412-702-047B (IIN-D412-702, DSI 9408) |
| D412-702-349 | Shoulder Harness Kit | D412-702-049B (IIN-D412-702, DSI 9408) |
| D412-702-351 | Shoulder Harness Kit | D412-702-051B (LH) (DSI 9397, DSI 9408) D412-702-052B (RH) (DSI 9397, DSI 9408) |
| D214-702-337 | Shoulder Harness Kit | D214-702-037B (DSI 9454) |
| D205-702-353 | Shoulder Harness Kit | D205-702-053B (DSI 9460) |
| D412-702-301 | Harness Assembly | D412-702-101B (IIN-D412-702) |
| D412-702-303 | Harness Assembly | D412-702-103B (IIN-D412-702) |
| D412-702-305 | Harness Assembly | D412-702-105B (IIN-D412-702) |
| D412-702-307 | Harness Assembly | D412-702-107B (IIN-D412-702) |
| D412-702-309 | Harness Assembly | D412-702-109B (IIN-D412-702) |
| D412-702-311 | Harness Assembly | D412-702-111B (IIN-D412-702) |
| D412-702-313 | Harness Assembly | D412-702-113B (IIN-D412-702) |
| D412-702-315 | Harness Assembly | D412-702-115B (IIN-D412-702) |
| D412-702-317 | Harness Assembly | D412-702-117B (IIN-D412-702) |
| D412-702-319 | Harness Assembly | D412-702-119B (DSI 9454) |
| D412-702-321 | Harness Assembly | D412-702-121B (DSI 9454, DSI 9469) |
| D412-702-323 | Harness Assembly | D412-702-123B (DSI 9454, DSI 9469) |

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 10.03.22
CERT. NO.: SH04-7
ISSUE NO.: 3

| | | |
|------------|----------|---|
| DESIGN | 99 | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA |
| DRAWN | 99 | |
| CHECKED | 1 | DRAWING NO. REV. A |
| MFG. APPR. | N/A | DSI 9511 SHEET 2 OF 6 |
| APPROVED | 160 | TITLE SCALE |
| DE APPR. | H | NEW SHOULDER HARNESS KITS NTS |
| DATE | 10.03.18 | COPYRIGHT © 2010 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> |

PARTS LIST

TABLE 2

| QTY -341 | QTY -343 | QTY -345 | QTY -347 | QTY -349 | QTY -351 | Part Number | Description |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---|
| X | | | | | | D412-702-341 | Dart 13-Man 3-Point Shoulder Harness Kit |
| | X | | | | | D412-702-343 | Dart 5-Man 3-Point Forward Facing Shoulder Harness Kit |
| | | X | | | | D412-702-345 | Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit |
| | | | X | | | D412-702-347 | Dart 4-Man 3-Point Side Facing Shoulder Harness Kit |
| | | | | X | | D412-702-349 | Dart 1-Man 3-Point Forward Shoulder Harness Kit |
| | | | | | X | D412-702-351 | Dart 1-Man 3-Point Shoulder Harness Kit |
| 1 | 1 | | 1 | 1 | | D412-702-059 | GROMMET KIT |
| 9 | 5 | | 4 | 1 | 1 | D3761-1-041 | HOOK AND LOOP STRIP (DSI 9408) |
| 2 | 1 | | 1 | | | D412-702-301 | HARNESS ASSEMBLY (NEW) |
| 1* | 1* | | 1* | | | D3573-7 | ADAPTER |
| 1* | 1* | | 1* | | | D4088-041 | SHOULDER HARNESS (NEW) |
| 4* | 4* | | 4* | | | MS24693S272 | SCREW |
| 4* | 4* | | 4* | | | AN960JD10LL | WASHER |
| 4* | 4* | | 4* | | | MS21042L3 | NUT |
| 2 | 1 | | 1 | | | D412-702-303 | HARNESS ASSEMBLY (NEW) |
| 1* | 1* | | 1* | | | D3573-8 | ADAPTER |
| 1* | 1* | | 1* | | | D4088-041 | SHOULDER HARNESS (NEW) |
| 4* | 4* | | 4* | | | MS24693S272 | SCREW |
| 4* | 4* | | 4* | | | AN960JD10LL | WASHER |
| 4* | 4* | | 4* | | | MS21042L3 | NUT |
| 1 | 1 | | | 1 | | D412-702-305 | HARNESS ASSEMBLY (NEW) |
| 1* | 1* | | | 1* | | D3573-1 | ADAPTER |
| 1* | 1* | | | 1* | | D4088-041 | SHOULDER HARNESS (NEW) |
| 4* | 4* | | | 4* | | MS24693S273 | SCREW |
| 4* | 4* | | | 4* | | AN960JD10LL | WASHER |
| 4* | 4* | | | 4* | | MS21042L3 | NUT |
| 1 | 1 | | | | 1 | D412-702-307 | HARNESS ASSEMBLY (NEW) |
| 1* | 1* | | | | 1* | D3573-3 | ADAPTER |
| 1* | 1* | | | | 1* | D4088-041 | SHOULDER HARNESS (NEW) |
| 4* | 4* | | | | 4* | MS24693S272 | SCREW |
| 4* | 4* | | | | 4* | AN960JD10LL | WASHER |
| 4* | 4* | | | | 4* | MS21042L3 | NUT |
| 1 | 1 | | | | | D412-702-309 | HARNESS ASSEMBLY (NEW) |
| 1* | 1* | | | | | D3573-3 | ADAPTER |
| 1* | 1* | | | | | D4088-041 | SHOULDER HARNESS (NEW) |
| 4* | 4* | | | | | MS24693S272 | SCREW |
| 4* | 4* | | | | | AN960JD10LL | WASHER |
| 4* | 4* | | | | | MS21042L3 | NUT |

* denotes that part is included in assembly above

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CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 10.03.22
CERT. NO.: SH04-7
ISSUE NO.: 3

| | | | |
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| DESIGN | 92 | DART AEROSPACE LTD | |
| DRAWN | 92 | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | N/A | DSI 9511 | SHEET 3 OF 6 |
| APPROVED | 140 | TITLE | SCALE |
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REFERENCE ONLY

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| QTY -341 | QTY -343 | QTY -345 | QTY -347 | QTY -349 | QTY -351 | Part Number | Description |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------------|
| 1 | | 1 | | | | D412-702-311 | HARNESS ASSEMBLY (NEW) |
| 1* | | 1* | | | | D3570-1 | BRACKET |
| 1* | | 1* | | | | D4088-043 | SHOULDER HARNESS (NEW) |
| 4* | | 4* | | | | MS24694S50 | SCREW |
| 4* | | 4* | | | | AN960JD10L | WASHER |
| 4* | | 4* | | | | MS21042L3 | NUT |
| 1 | | 1 | | | | D412-702-313 | HARNESS ASSEMBLY (NEW) |
| 1* | | 1* | | | | D3570-2 | BRACKET |
| 1* | | 1* | | | | D4088-043 | SHOULDER HARNESS (NEW) |
| 4* | | 4* | | | | MS24694S50 | SCREW |
| 4* | | 4* | | | | AN960JD10L | WASHER |
| 4* | | 4* | | | | MS21042L3 | NUT |
| 1 | | | 1 | | | D412-702-315 | HARNESS ASSEMBLY (NEW) |
| 1* | | | 1* | | | D3573-5 | ADAPTER |
| 1* | | | 1* | | | D4088-041 | SHOULDER HARNESS (NEW) |
| 4* | | | 4* | | | MS24693S272 | SCREW |
| 4* | | | 4* | | | AN960JD10LL | WASHER |
| 4* | | | 4* | | | MS21042L3 | NUT |
| 1 | | | 1 | | | D412-702-317 | HARNESS ASSEMBLY (NEW) |
| 1* | | | 1* | | | D3573-5 | ADAPTER |
| 1* | | | 1* | | | D4088-041 | SHOULDER HARNESS (NEW) |
| 4* | | | 4* | | | MS24693S272 | SCREW |
| 4* | | | 4* | | | AN960JD10LL | WASHER |
| 4* | | | 4* | | | MS21042L3 | NUT |
| 1 | | 1 | | | | D412-702-321 | HARNESS ASSEMBLY (NEW) |
| 1* | | 1* | | | | D3570-3 | BRACKET |
| 1* | | 1* | | | | D4088-043 | SHOULDER HARNESS (NEW) |
| 4* | | 4* | | | | MS24694S50 | BOLT |
| 4* | | 4* | | | | AN960JD10L | WASHER |
| 4* | | 4* | | | | MS21042L3 | NUT |
| 1 | | 1 | | | | D412-702-323 | HARNESS ASSEMBLY (NEW) |
| 1* | | 1* | | | | D3570-4 | BRACKET |
| 1* | | 1* | | | | D4088-043 | SHOULDER HARNESS (NEW) |
| 4* | | 4* | | | | MS24694S50 | BOLT |
| 4* | | 4* | | | | AN960JD10L | WASHER |
| 4* | | 4* | | | | MS21042L3 | NUT |

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DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: [Signature]
D. SHEPHERD (DE # 02)

DATE: 10.03.22
CERT. NO.: SH04-7
ISSUE NO.: 3

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| QTY -341 | QTY -343 | QTY -345 | QTY -347 | QTY -349 | QTY -351 | Part Number | Description |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|
| 2 | 2 | | | | | D3542-1 | BRACKET |
| 7 | 3 | | 4 | 1 | | D3571-1 | GUIDE |
| 2 | 2 | | | | | D3571-3 | GUIDE |
| 2 | | 2 | | | | D3572-041 | GUIDE ASSEMBLY |
| 12 | 6 | | 6 | 2 | | D3578-041 | DOUBLER |
| 2 | 2 | | | | | D3610-041 | BRACKET |
| 2 | 2 | | | | | D3618-1 | CAP |
| 4 | 4 | | | | | AN4-10A | BOLT |
| 2 | | 2 | | | | AN4-16A | BOLT |
| 4 | | 4 | | | | AN4-25A | BOLT |
| 4 | | 4 | | | | AN4-27A | BOLT (DSI 9469) |
| 2 | 2 | | | | | AN4-44A | BOLT |
| 2 | 2 | | | | | MS24693S274 | SCREW |
| 3 | 3 | | | 1 | | MS24694S56 | SCREW |
| 10 | 2 | | 8 | | | MS24694S58 | SCREW |
| 1 | 1 | | | 1 | | MS24694S60 | SCREW |
| 26 | 6 | 20 | | | | AN960JD416 | WASHER |
| 4 | 4 | | | | | AN960JD416L | WASHER |
| 12 | 6 | 6 | | | | MS21042L4 | NUT |
| 24 | 12 | | 12 | 4 | | CR3212-4-4 | RIVET |

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DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

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TABLE 3

| QTY -337 | QTY -353 | Part Number | Description |
|-------------|-------------|--------------|--|
| X | | D214-702-337 | Dart 5-Man 3 Point Aft Facing Shoulder Harness Kit, for 214 Aircraft |
| | X | D205-702-353 | Dart 4-Man 3 Point Aft Facing Shoulder Harness Kit, for UH-1 Aircraft |
| 1 | 2 | D412-702-311 | HARNESS ASSEMBLY (NEW) --> SEE TABLE 2 |
| 1 | 2 | D412-702-313 | HARNESS ASSEMBLY (NEW) --> SEE TABLE 2 |
| 1 | | D412-702-321 | HARNESS ASSEMBLY (NEW) --> SEE TABLE 2 |
| 1 | | D412-702-323 | HARNESS ASSEMBLY (NEW) --> SEE TABLE 2 |
| 1 | | D412-702-319 | HARNESS ASSEMBLY (NEW) |
| 1* | | D3925-041 | BRACKET |
| 1* | | D4088-043 | SHOULDER HARNESS ASSEMBLY (NEW) |
| 4* | | MS24694S50 | BOLT |
| 4* | | AN960JD10L | WASHER |
| 4* | | MS21042L3 | NUT |
| | 1 | D3572-043 | GUIDE ASSY |
| | 1 | D3572-044 | GUIDE ASSY |
| 1 | | D3920-041 | SEATBELT GUIDE ASSEMBLY |
| 2 | | D3920-5 | SEATBELT GUIDE |
| 1 | 6 | AN4-16A | BOLT |
| 1 | | AN4-21A | BOLT |
| 7 | | AN4-25A | BOLT |
| 18 | 12 | AN960JD416 | WASHER |
| 9 | 6 | MS21042L4 | NUT |



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